



# Weekly Coal Production

Production for Week Ended:  
March 23, 1991



Energy  
Information  
Administration



## Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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## Summary

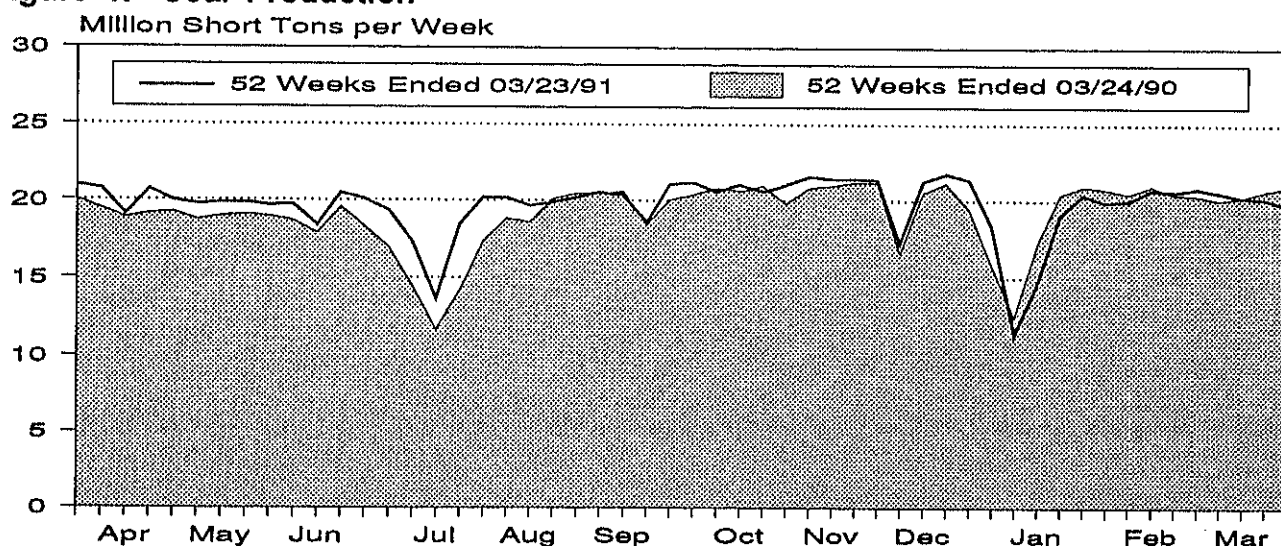
U.S. coal production in the week ended March 23, 1991, as estimated by the Energy Information Administration, totaled 20 million short tons, about the same as in the previous week, but 6 percent less than in the comparable week in 1990. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 8 million short tons.

U.S. coal exports in January 1991 totaled 6 million short tons, 17 percent lower than in January 1990. They were valued at \$271 million, based on an average price of \$43.67 per short ton. Steam coal exports were 2 million short tons, a drop of 7 percent from the amount a year earlier. The leading

destinations for steam coal in January 1991 were the Netherlands and Denmark, together receiving 36 percent of the total. Metallurgical coal exports amounted to 4 million short tons. The three principal destinations for metallurgical coal in January 1991 were Japan, the United Kingdom, and Belgium-Luxembourg, together accounting for more than one-third of the total.

U.S. coal imports in January 1991 totaled 263 thousand short tons, compared with 175 thousand short tons in January 1990. The value of coal imports was \$9 million, based on an average price of \$32.36 per short ton. More than half of the imported coal was from Colombia.

Figure 1. Coal Production



**Table 1. Coal Production**

	Week Ended			52 Weeks Ended		Percent Change
Production and Carloadings	03/23/91	03/16/91	03/24/90	03/23/91	03/24/90	
Production (Thousand Short Tons)						
Bituminous <sup>1</sup> and Lignite . . . . .	19,629	20,109	20,901	1,023,332	991,726	3.2
Pennsylvania Anthracite . . . . .	52	53	59	3,051	3,151	-3.2
U.S. Total . . . . .	19,681	20,162	20,961	1,026,383	994,876	3.2
Railroad Cars Loaded . . . . .	124,804	127,887	133,506	6,633,908	6,450,506	

<sup>1</sup>Includes subbituminous coal.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 2. Coal Production by State**  
(Thousand Short Tons)

Region and State	Week Ended		
	03/23/91	03/16/91	03/24/90
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi . . . . .	11,634	11,621	12,993
Alabama . . . . .	560	543	594
Illinois . . . . .	1,191	1,101	1,187
Indiana . . . . .	754	765	753
Kentucky . . . . .	3,006	3,052	3,448
Kentucky, Eastern . . . . .	2,287	2,328	2,517
Kentucky, Western . . . . .	719	725	932
Maryland . . . . .	55	56	70
Ohio . . . . .	659	669	746
Pennsylvania Bituminous . . . . .	1,367	1,355	1,658
Tennessee . . . . .	132	133	139
Virginia . . . . .	821	826	1,085
West Virginia . . . . .	3,088	3,119	3,313
West of the Mississippi . . . . .	7,995	8,488	7,908
Alaska . . . . .	32	33	30
Arizona . . . . .	226	232	252
Arkansas . . . . .	*	*	*
Colorado . . . . .	323	402	451
Iowa . . . . .	7	7	8
Kansas . . . . .	16	17	18
Louisiana . . . . .	71	56	62
Missouri . . . . .	43	44	56
Montana . . . . .	730	785	715
New Mexico . . . . .	408	440	512
North Dakota . . . . .	601	647	575
Oklahoma . . . . .	30	31	36
Texas . . . . .	1,046	1,072	1,086
Utah . . . . .	374	447	497
Washington . . . . .	109	111	99
Wyoming . . . . .	3,979	4,164	3,513
Bituminous <sup>1</sup> and Lignite Total . . . .	19,629	20,109	20,901
Pennsylvania Anthracite . . . . .	52	53	59
U.S. Total . . . . .	19,681	20,162	20,961

<sup>1</sup>Includes subbituminous coal.

\*Less than 0.5 thousand short tons.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.



**Table 3. Coal Exports and Imports, 1982-1991**  
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam <sup>1</sup>		Total		Quantity	Average Price
	Quantity	Average Price <sup>2</sup>	Quantity	Average Price <sup>2</sup>	Quantity	Average Price <sup>2</sup>		
1982	64,585	\$61.07	41,692	\$49.11	106,277	\$56.37	742	\$30.40
1983	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
October	5,922	45.50	3,371	37.97	9,293	42.77	160	33.20
November	6,026	45.81	3,743	38.05	9,768	42.84	245	31.54
December	4,710	45.65	3,179	37.66	7,888	42.43	303	35.09
Total	65,128	45.19	35,687	37.64	100,815	42.52	2,851	34.14
1990								
January	4,901	45.72	2,547	37.29	7,447	42.84	175	33.01
February	4,381	45.92	1,862	36.36	6,243	43.07	268	35.91
March	6,254	45.78	2,439	38.36	8,693	43.70	292	35.54
April	4,754	45.95	3,836	38.60	8,590	42.67	182	31.45
May	5,643	46.81	4,184	36.50	9,827	42.42	144	34.08
June	5,699	46.35	3,616	36.35	9,316	42.47	348	34.65
July	5,495	46.82	3,698	35.69	9,194	42.34	200	29.58
August	5,598	46.59	4,467	37.57	10,065	42.59	120	35.72
September	5,567	46.70	4,671	35.89	10,238	41.76	194	32.31
October	4,471	47.06	4,286	36.41	8,756	41.85	284	41.32
November	5,805	46.42	3,816	36.88	9,621	42.63	224	32.86
December	4,890	48.07	2,923	36.32	7,813	43.67	268	33.40
Total	63,459	46.51	42,345	36.81	105,804	42.63	2,699	34.45
1991								
January	3,853	47.87	2,361	36.82	6,214	43.67	263	32.36
1991 Year to Date	3,853	47.87	2,361	36.82	6,214	43.67	263	32.36
1990 Year to Date	4,901	45.72	2,547	37.29	7,447	42.84	175	33.01

<sup>1</sup>Includes bituminous, subbituminous, lignite, and anthracite.

<sup>2</sup>Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522"; and "Monthly Report IM 145."

**Table 4. Coal Exports, January 1991**  
(Short Tons)

Continent and Country of Destination	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> . . . . .	<b>90,543</b>	<b>803,406</b>	<b>609,627</b>	<b>90,543</b>	<b>609,627</b>	<b>-85.1</b>
Canada <sup>1</sup> . . . . .	69,925	796,945	607,007	69,925	607,007	-88.5
Dominican Republic . . . . .	19,289	-	-	19,289	-	-
Mexico . . . . .	1,329	6,461	1,924	1,329	1,924	-30.9
Other <sup>2</sup> . . . . .	-	-	696	-	696	-
<b>South America Total</b> . . . . .	<b>391,349</b>	<b>750,438</b>	<b>942,074</b>	<b>391,349</b>	<b>942,074</b>	<b>-58.5</b>
Argentina . . . . .	32,727	62,504	111,826	32,727	111,826	-70.7
Brazil . . . . .	344,159	659,758	752,468	344,159	752,468	-54.3
Chile . . . . .	23	20,283	76,850	23	76,850	-100.0
Other <sup>2</sup> . . . . .	14,440	7,893	930	14,440	930	NM
<b>Europe Total</b> . . . . .	<b>4,137,703</b>	<b>4,298,274</b>	<b>4,407,344</b>	<b>4,137,703</b>	<b>4,407,344</b>	<b>-6.1</b>
Albania . . . . .	45,252	-	21,576	45,252	21,576	109.7
Belgium & Luxembourg . . . . .	404,616	647,770	512,253	404,616	512,253	-21.0
Bulgaria . . . . .	48,599	-	39,065	48,599	39,065	24.4
Denmark . . . . .	371,659	185,519	128,140	371,659	128,140	190.0
France . . . . .	457,106	329,775	675,745	457,106	675,745	-32.4
Ireland . . . . .	111,486	197,853	170,167	111,486	170,167	-34.5
Italy . . . . .	509,197	1,313,214	1,218,260	509,197	1,218,260	-58.2
Netherlands . . . . .	723,935	500,914	393,805	723,935	393,805	83.8
Norway . . . . .	7,628	11,506	22,656	7,628	22,656	-66.3
Portugal . . . . .	-	69,711	106,598	-	106,598	-
Romania . . . . .	61,783	64,524	-	61,783	-	-
Spain . . . . .	357,036	439,994	348,728	357,036	348,728	2.4
Sweden . . . . .	81,772	-	-	81,772	-	-
Turkey . . . . .	285,130	-	281,860	285,130	281,860	1.2
United Kingdom . . . . .	511,398	388,133	302,153	511,398	302,153	69.3
West Germany . . . . .	-	102,072	72,253	-	72,253	-
Yugoslavia . . . . .	161,106	39,411	105,963	161,106	105,963	52.0
Other <sup>2</sup> . . . . .	61,783	72,402	8,122	61,783	8,122	NM
<b>Asia Total</b> . . . . .	<b>1,544,245</b>	<b>1,859,352</b>	<b>1,397,285</b>	<b>1,544,245</b>	<b>1,397,285</b>	<b>10.5</b>
China (Taiwan) . . . . .	283,120	209,781	250,021	283,120	250,021	13.2
Hong Kong . . . . .	227,857	-	-	227,857	-	-
Japan . . . . .	717,604	1,087,289	768,014	717,604	768,014	-6.6
Korea, Republic of . . . . .	315,664	562,282	379,005	315,664	379,005	-16.7
Other <sup>2</sup> . . . . .	-	-	245	-	245	-
<b>Oceania &amp; Australia Total</b> . . . . .	<b>-</b>	<b>510</b>	<b>208</b>	<b>-</b>	<b>208</b>	<b>-</b>
<b>Africa Total</b> . . . . .	<b>50,204</b>	<b>101,348</b>	<b>90,661</b>	<b>50,204</b>	<b>90,661</b>	<b>-44.6</b>
Egypt . . . . .	50,204	101,348	50,697	50,204	50,697	-1.0
Morocco . . . . .	-	-	39,964	-	39,964	-
<b>Total</b> . . . . .	<b>6,214,044</b>	<b>7,813,328</b>	<b>7,447,199</b>	<b>6,214,044</b>	<b>7,447,199</b>	<b>-16.6</b>

<sup>NM</sup>Percent change calculation not meaningful as value is greater than 500.

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 5. Average Price of Coal Exports, January 1991**  
(Dollars per Short Ton)

Continent and Country of Destination	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> .....	<b>\$30.04</b>	<b>\$31.13</b>	<b>\$34.38</b>	<b>\$30.04</b>	<b>\$34.38</b>	<b>-12.6</b>
Canada <sup>1</sup> .....	29.98	30.99	34.34	29.98	34.34	-12.7
Mexico .....	40.91	46.18	46.18	40.91	46.18	-11.4
Other <sup>2</sup> .....	-	-	40.08	-	40.08	-
<b>South America Total</b> .....	<b>47.20</b>	<b>47.46</b>	<b>44.59</b>	<b>47.20</b>	<b>44.59</b>	<b>5.9</b>
Argentina .....	49.89	47.78	44.09	49.89	44.09	13.2
Brazil .....	47.46	47.45	46.24	47.46	46.24	2.6
Chile .....	-	-	29.14	-	29.14	-
Other <sup>2</sup> .....	34.79	34.50	40.00	34.79	40.00	-13.0
<b>Europe Total</b> .....	<b>43.70</b>	<b>44.84</b>	<b>43.41</b>	<b>43.70</b>	<b>43.41</b>	<b>.7</b>
Albania .....	-	-	44.90	-	44.90	-
Belgium & Luxembourg .....	47.71	46.58	46.31	47.71	46.31	3.0
Bulgaria .....	45.18	-	48.99	45.18	48.99	-7.8
Denmark .....	30.61	32.79	31.03	30.61	31.03	-1.3
France .....	41.33	47.18	39.12	41.33	39.12	5.7
Ireland .....	42.96	36.29	39.73	42.96	39.73	8.1
Italy .....	45.35	44.33	42.44	45.35	42.44	6.9
Netherlands .....	42.23	43.44	46.64	42.23	46.64	-9.4
Portugal .....	-	39.69	44.72	-	44.72	-
Romania .....	45.04	46.10	-	45.04	-	-
Spain .....	45.30	49.90	47.32	45.30	47.32	-4.3
Sweden .....	47.36	-	-	47.36	-	-
Turkey .....	47.83	-	43.09	47.83	43.09	11.0
United Kingdom .....	48.52	47.31	47.18	48.52	47.18	2.8
West Germany .....	-	49.28	40.28	-	40.28	-
Yugoslavia .....	47.98	46.68	45.20	47.98	45.20	6.2
Other <sup>2</sup> .....	45.04	45.98	-	45.04	-	-
<b>Asia Total</b> .....	<b>42.32</b>	<b>45.00</b>	<b>42.97</b>	<b>42.32</b>	<b>42.97</b>	<b>-1.5</b>
China (Taiwan) .....	36.79	39.75	36.70	36.79	36.70	.3
Hong Kong .....	39.83	-	-	39.83	-	-
Japan .....	43.59	44.85	43.79	43.59	43.79	-.4
Korea, Republic of .....	46.17	47.24	45.61	46.17	45.61	1.2
Other <sup>2</sup> .....	-	-	39.89	-	39.89	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>40.02</b>	<b>-</b>	<b>40.02</b>	<b>-</b>
<b>Africa Total</b> .....	<b>46.45</b>	<b>46.67</b>	<b>37.90</b>	<b>46.45</b>	<b>37.90</b>	<b>22.6</b>
Egypt .....	46.45	46.67	44.17	46.45	44.17	5.1
Morocco .....	-	-	29.94	-	29.94	-
<b>Total</b> .....	<b>43.43</b>	<b>43.93</b>	<b>42.66</b>	<b>43.43</b>	<b>42.66</b>	<b>1.8</b>
<b>U.S. Total<sup>3</sup></b> .....	<b>43.67</b>	<b>43.67</b>	<b>42.84</b>	<b>43.67</b>	<b>42.84</b>	<b>1.9</b>

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1990.

<sup>3</sup>Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

# **Steam Coal Exports, January 1991** (Short Tons)

Port and Country of Destination	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>Total</b>	<b>89,265</b>	<b>664,147</b>	<b>609,582</b>	<b>89,265</b>	<b>609,582</b>	<b>-85.4</b>
Publican	68,647	660,664	606,962	68,647	606,962	-88.7
	19,289	-	-	19,289	-	-
	1,329	3,483	1,924	1,329	1,924	-30.9
	-	-	696	-	696	-
<b>Total</b>	<b>14,463</b>	<b>7,947</b>	<b>77,780</b>	<b>14,463</b>	<b>77,780</b>	<b>-81.4</b>
	23	54	76,850	23	76,850	-100.0
	14,440	7,893	930	14,440	930	NM
<b>Luxembourg</b>	<b>1,469,150</b>	<b>1,693,139</b>	<b>1,430,631</b>	<b>1,469,150</b>	<b>1,430,631</b>	<b>2.7</b>
	-	119,635	12,565	-	12,565	-
	-	-	39,065	-	39,065	-
	371,659	185,519	72,568	371,659	72,568	412.2
	72,010	-	389,902	72,010	389,902	-81.5
	111,486	197,853	170,167	111,486	170,167	-34.5
	232,990	759,228	595,717	232,990	595,717	-60.9
	484,886	231,545	-	484,886	-	-
	-	-	11,731	-	11,731	-
	-	69,711	40,275	-	40,275	-
	70,394	68	283	70,394	283	NM
	8,048	-	-	8,048	-	-
	-	-	7,214	-	7,214	-
<b>Germany</b>	<b>83,083</b>	<b>129,580</b>	<b>18,891</b>	<b>83,083</b>	<b>18,891</b>	<b>339.8</b>
	-	-	72,253	-	72,253	-
	34,594	-	-	34,594	-	-
	<b>788,323</b>	<b>557,977</b>	<b>388,468</b>	<b>788,323</b>	<b>388,468</b>	<b>102.9</b>
	283,120	209,781	250,021	283,120	250,021	13.2
	227,857	-	-	227,857	-	-
	194,758	278,026	70,925	194,758	70,925	174.6
<b>Poland</b>	<b>82,588</b>	<b>70,170</b>	<b>67,277</b>	<b>82,588</b>	<b>67,277</b>	<b>22.8</b>
	-	-	245	-	245	-
<b>Australia Total</b>	<b>-</b>	<b>-</b>	<b>208</b>	<b>-</b>	<b>208</b>	<b>-</b>
	-	-	39,964	-	39,964	-
	-	-	39,964	-	39,964	-
	<b>2,361,201</b>	<b>2,923,210</b>	<b>2,546,633</b>	<b>2,361,201</b>	<b>2,546,633</b>	<b>-7.3</b>

Range calculation not meaningful as value is greater than 500.

U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value (lignite and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

Countries with exports less than or equal to 50,000 short tons in 1990.

may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite,

ureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 7. Average Price of Steam Coal Exports, January 1991**  
(Dollars per Short Ton)

Continent and Country of Destination	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> .....	<b>\$29.96</b>	<b>\$29.01</b>	<b>\$34.38</b>	<b>\$29.96</b>	<b>\$34.38</b>	<b>-12.9</b>
Canada <sup>1</sup> .....	29.90	28.89	34.34	29.90	34.34	-12.9
Mexico .....	40.91	48.33	46.18	40.91	46.18	-11.4
Other <sup>2</sup> .....	-	-	40.08	-	40.08	-
<b>South America Total</b> .....	<b>34.79</b>	<b>34.50</b>	<b>29.27</b>	<b>34.79</b>	<b>29.27</b>	<b>18.9</b>
Chile .....	-	-	29.14	-	29.14	-
Other <sup>2</sup> .....	34.79	34.50	40.00	34.79	40.00	-13.0
<b>Europe Total</b> .....	<b>37.24</b>	<b>38.95</b>	<b>38.62</b>	<b>37.24</b>	<b>38.62</b>	<b>-3.6</b>
Belgium & Luxembourg .....	-	35.53	36.29	-	36.29	-
Bulgaria .....	-	-	48.99	-	48.99	-
Denmark .....	30.61	32.79	31.03	30.61	31.03	-1.3
France .....	30.40	-	34.90	30.40	34.90	-12.9
Ireland .....	42.96	36.29	39.73	42.96	39.73	8.1
Italy .....	40.76	41.25	40.47	40.76	40.47	.7
Netherlands .....	38.68	38.79	-	38.68	-	-
Portugal .....	-	39.69	39.92	-	39.92	-
Spain .....	45.30	41.12	39.92	45.30	39.92	13.5
Sweden .....	41.64	-	-	41.64	-	-
United Kingdom .....	44.37	41.73	48.75	44.37	48.75	-9.0
West Germany .....	-	-	40.28	-	40.28	-
<b>Asia Total</b> .....	<b>37.22</b>	<b>37.66</b>	<b>36.28</b>	<b>37.22</b>	<b>36.28</b>	<b>2.6</b>
China (Taiwan) .....	36.79	39.75	36.70	36.79	36.70	.3
Hong Kong .....	39.83	-	-	39.83	-	-
Japan .....	33.62	35.50	31.65	33.62	31.65	6.2
Korea, Republic of .....	39.92	39.92	39.61	39.92	39.61	.8
Other <sup>2</sup> .....	-	-	39.89	-	39.89	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>40.02</b>	<b>-</b>	<b>40.02</b>	<b>-</b>
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>29.94</b>	<b>-</b>	<b>29.94</b>	<b>-</b>
Morocco .....	-	-	29.94	-	29.94	-
<b>Total</b> .....	<b>37.00</b>	<b>36.75</b>	<b>36.80</b>	<b>37.00</b>	<b>36.80</b>	<b>.5</b>
<b>U.S. Total<sup>3</sup></b> .....	<b>36.82</b>	<b>36.32</b>	<b>37.29</b>	<b>36.82</b>	<b>37.29</b>	<b>-1.3</b>

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1990.

<sup>3</sup>Average price of all steam coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 8. Metallurgical Coal Exports, January 1991**  
(Short Tons)

Continent and Country of Destination	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> .....	<b>1,278</b>	<b>139,259</b>	<b>45</b>	<b>1,278</b>	<b>45</b>	<b>NM</b>
Canada <sup>1</sup> .....	1,278	136,281	45	1,278	45	NM
Mexico .....	-	2,978	-	-	-	-
<b>South America Total</b> .....	<b>376,886</b>	<b>742,491</b>	<b>864,294</b>	<b>376,886</b>	<b>864,294</b>	<b>-56.4</b>
Argentina .....	32,727	62,504	111,826	32,727	111,826	-70.7
Brazil .....	344,159	659,758	752,468	344,159	752,468	-54.3
Chile .....	-	20,229	-	-	-	-
<b>Europe Total</b> .....	<b>2,668,553</b>	<b>2,605,135</b>	<b>2,976,713</b>	<b>2,668,553</b>	<b>2,976,713</b>	<b>-10.4</b>
Albania .....	45,252	-	21,576	45,252	21,576	109.7
Belgium & Luxembourg .....	404,616	528,135	499,688	404,616	499,688	-19.0
Bulgaria .....	48,599	-	-	48,599	-	-
Denmark .....	-	-	55,572	-	55,572	-
France .....	385,096	329,775	285,843	385,096	285,843	34.7
Italy .....	276,207	553,986	622,543	276,207	622,543	-55.6
Netherlands .....	239,049	269,369	393,805	239,049	393,805	-39.3
Norway .....	7,628	11,506	10,925	7,628	10,925	-30.2
Portugal .....	-	-	66,323	-	66,323	-
Romania .....	61,783	64,524	-	61,783	-	-
Spain .....	286,642	439,926	348,445	286,642	348,445	-17.7
Sweden .....	73,724	-	-	73,724	-	-
Turkey .....	285,130	-	274,646	285,130	274,646	3.8
United Kingdom .....	428,315	258,553	283,262	428,315	283,262	51.2
West Germany .....	-	102,072	-	-	-	-
Yugoslavia .....	126,512	39,411	105,963	126,512	105,963	19.4
Other <sup>2</sup> .....	61,783	72,402	8,122	61,783	8,122	NM
<b>Asia Total</b> .....	<b>755,922</b>	<b>1,301,375</b>	<b>1,008,817</b>	<b>755,922</b>	<b>1,008,817</b>	<b>-25.1</b>
Japan .....	522,846	809,263	697,089	522,846	697,089	-25.0
Korea, Republic of .....	233,076	492,112	311,728	233,076	311,728	-25.2
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>510</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Africa Total</b> .....	<b>50,204</b>	<b>101,348</b>	<b>50,697</b>	<b>50,204</b>	<b>50,697</b>	<b>-1.0</b>
Egypt .....	50,204	101,348	50,697	50,204	50,697	-1.0
<b>Total</b> .....	<b>3,852,843</b>	<b>4,890,118</b>	<b>4,900,566</b>	<b>3,852,843</b>	<b>4,900,566</b>	<b>-21.4</b>

<sup>NM</sup>Percent change calculation not meaningful as value is greater than 500.

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 9. Average Price of Metallurgical Coal Exports, January 1991**  
(Dollars per Short Ton)

Continent and Country of Destination	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> .....	<b>\$34.67</b>	<b>\$39.37</b>	<b>-</b>	<b>\$34.67</b>	<b>-</b>	<b>-</b>
Canada <sup>1</sup> .....	34.67	39.28	-	34.67	-	-
Mexico .....	-	43.67	-	-	-	-
<b>South America Total</b> .....	<b>47.68</b>	<b>47.48</b>	<b>\$45.97</b>	<b>47.68</b>	<b>\$45.97</b>	<b>3.7</b>
Argentina .....	49.89	47.78	44.09	49.89	44.09	13.2
Brazil .....	47.46	47.45	46.24	47.46	46.24	2.6
<b>Europe Total</b> .....	<b>47.53</b>	<b>48.65</b>	<b>45.70</b>	<b>47.53</b>	<b>45.70</b>	<b>4.0</b>
Albania .....	-	-	44.90	-	44.90	-
Belgium & Luxembourg .....	47.71	49.09	46.56	47.71	46.56	2.5
Bulgaria .....	45.18	-	-	45.18	-	-
France .....	43.38	47.18	44.86	43.38	44.86	-3.3
Italy .....	49.22	48.55	44.32	49.22	44.32	11.1
Netherlands .....	49.43	47.44	46.84	49.43	46.84	6.0
Portugal .....	-	-	47.64	-	47.64	-
Romania .....	45.04	46.10	-	45.04	-	-
Spain .....	-	49.90	47.33	-	47.33	-
Sweden .....	47.99	-	-	47.99	-	-
Turkey .....	47.83	-	43.09	47.83	43.09	11.0
United Kingdom .....	49.17	49.75	47.08	49.17	47.08	4.4
West Germany .....	-	49.28	-	-	-	-
Yugoslavia .....	47.98	46.68	45.20	47.98	45.20	6.2
Other <sup>2</sup> .....	45.04	45.98	-	45.04	-	-
<b>Asia Total</b> .....	<b>47.64</b>	<b>48.17</b>	<b>45.74</b>	<b>47.64</b>	<b>45.74</b>	<b>4.2</b>
Japan .....	47.31	48.10	45.16	47.31	45.16	4.8
Korea, Republic of .....	48.39	48.29	46.91	48.39	46.91	3.2
<b>Africa Total</b> .....	<b>46.45</b>	<b>46.67</b>	<b>44.17</b>	<b>46.45</b>	<b>44.17</b>	<b>5.1</b>
Egypt .....	46.45	46.67	44.17	46.45	44.17	5.1
<b>Total</b> .....	<b>47.55</b>	<b>48.04</b>	<b>45.74</b>	<b>47.55</b>	<b>45.74</b>	<b>4.0</b>
<b>U.S. Total<sup>3</sup></b> .....	<b>47.87</b>	<b>48.07</b>	<b>45.72</b>	<b>47.87</b>	<b>45.72</b>	<b>4.7</b>

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1990.

<sup>3</sup>Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Customs District, January 1991**  
(Short Tons)

Customs District	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>Eastern Total</b> . . . . .	<b>3,936,374</b>	<b>5,376,494</b>	<b>4,919,239</b>	<b>3,936,374</b>	<b>4,919,239</b>	<b>-20.0</b>
Baltimore, MD . . . . .	232,203	419,140	578,009	232,203	578,009	-59.8
Buffalo, NY . . . . .	3,341	125,403	4,536	3,341	4,536	-26.3
New York City, NY . . . . .	276	54	341	276	341	-19.1
Ogdensburg, NY . . . . .	2,360	1,621	1,065	2,360	1,065	121.6
Philadelphia, PA . . . . .	-	29,713	134,822	-	134,822	-
Norfolk, VA . . . . .	3,698,194	4,800,563	4,200,466	3,698,194	4,200,466	-12.0
<b>Southern Total</b> . . . . .	<b>1,698,432</b>	<b>1,497,322</b>	<b>1,737,651</b>	<b>1,698,432</b>	<b>1,737,651</b>	<b>-2.3</b>
Mobile, AL . . . . .	757,128	445,240	840,330	757,128	840,330	-9.9
Savannah, GA . . . . .	-	194	-	-	-	-
Tampa, FL . . . . .	752	1,318	17,893	752	17,893	-95.8
New Orleans, LA . . . . .	838,922	896,441	842,433	838,922	842,433	-.4
Charleston, SC . . . . .	83,173	134,025	8,052	83,173	8,052	NM
Houston-Galveston, TX . . . . .	17,498	16,695	27,019	17,498	27,019	-35.2
Laredo, TX . . . . .	959	3,409	1,924	959	1,924	-50.2
<b>Western Total</b> . . . . .	<b>514,741</b>	<b>268,961</b>	<b>187,302</b>	<b>514,741</b>	<b>187,302</b>	<b>174.8</b>
Anchorage, AK . . . . .	82,588	70,170	67,277	82,588	67,277	22.8
Los Angeles, CA . . . . .	431,654	162,839	109,896	431,654	109,896	292.8
San Diego, CA . . . . .	370	74	-	370	-	-
San Francisco, CA . . . . .	-	35,702	-	-	-	-
Seattle, WA . . . . .	129	176	10,129	129	10,129	-98.7
<b>Northern Total</b> . . . . .	<b>62,976</b>	<b>669,396</b>	<b>601,012</b>	<b>62,976</b>	<b>601,012</b>	<b>-89.5</b>
Detroit, MI . . . . .	531	276,494	544,998	531	544,998	-99.9
Duluth, MN . . . . .	-	30,097	-	-	-	-
Cleveland, OH . . . . .	62,445	362,805	56,014	62,445	56,014	11.5
<b>Total</b> . . . . .	<b>6,214,044</b>	<b>7,813,328</b>	<b>7,447,199</b>	<b>6,214,044</b>	<b>7,447,199</b>	<b>-16.6</b>

<sup>NM</sup> Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."



**Table 11. Coke Exports, January 1991**  
(Short Tons)

Continent and Country of Destination	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> .....	<b>18,421</b>	<b>7,177</b>	<b>42,281</b>	<b>18,421</b>	<b>42,281</b>	<b>-56.4</b>
Canada <sup>1</sup> .....	12,193	3,723	15,731	12,193	15,731	-22.5
Mexico .....	6,107	3,268	26,459	6,107	26,459	-76.9
Other <sup>2</sup> .....	121	186	91	121	91	33.0
<b>Europe Total</b> .....	<b>-</b>	<b>-</b>	<b>10,732</b>	<b>-</b>	<b>10,732</b>	<b>-</b>
<b>Total</b> .....	<b>18,421</b>	<b>7,177</b>	<b>53,013</b>	<b>18,421</b>	<b>53,013</b>	<b>-65.3</b>

<sup>1</sup>Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

<sup>2</sup>Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 12. Coal Imports, January 1991**  
(Short Tons)

Continent and Country of Origin	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> .....	<b>86,943</b>	<b>95,364</b>	<b>83,416</b>	<b>86,943</b>	<b>83,416</b>	<b>4.2</b>
Canada .....	86,943	95,364	79,913	86,943	79,913	8.8
Mexico .....	-	-	3,503	-	3,503	-
<b>South America Total</b> .....	<b>176,463</b>	<b>172,270</b>	<b>91,311</b>	<b>176,463</b>	<b>91,311</b>	<b>93.3</b>
Colombia .....	141,288	143,413	91,311	141,288	91,311	54.7
Venezuela .....	35,175	28,857	-	35,175	-	-
<b>Europe Total</b> .....	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
West Germany .....	-	1	-	-	-	-
<b>Total</b> .....	<b>263,406</b>	<b>267,635</b>	<b>174,727</b>	<b>263,406</b>	<b>174,727</b>	<b>50.8</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 13. Average Price of Coal Imports, January 1991**  
(Dollars per Short Ton)

Continent and Country of Origin	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> . . . . .	<b>\$23.91</b>	<b>\$23.67</b>	<b>\$24.04</b>	<b>\$23.91</b>	<b>\$24.04</b>	<b>-0.5</b>
Canada . . . . .	23.91	23.67	23.35	23.91	23.35	2.4
Mexico . . . . .	-	-	38.28	-	38.28	-
<b>South America Total</b> . . . . .	<b>35.08</b>	<b>37.56</b>	<b>37.76</b>	<b>35.08</b>	<b>37.76</b>	<b>-7.1</b>
Colombia . . . . .	34.33	35.57	37.76	34.33	37.76	-9.1
Venezuela . . . . .	38.10	47.49	-	38.10	-	-
<b>Total</b> . . . . .	<b>31.57</b>	<b>32.78</b>	<b>31.53</b>	<b>31.57</b>	<b>31.53</b>	<b>0.1</b>
<b>U.S. Total<sup>1</sup></b> . . . . .	<b>32.36</b>	<b>33.40</b>	<b>33.01</b>	<b>32.36</b>	<b>33.01</b>	<b>-2.0</b>

<sup>1</sup>Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 14. Coal Imports by Customs District, January 1991**  
(Short Tons)

Customs District	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>Eastern Total</b> . . . . .	<b>35,175</b>	<b>28,858</b>	<b>-</b>	<b>35,175</b>	<b>-</b>	<b>-</b>
Portland, ME . . . . .	-	28,857	-	-	-	-
New York City, NY . . . . .	-	1	-	-	-	-
Philadelphia, PA . . . . .	35,175	-	-	35,175	-	-
<b>Southern Total</b> . . . . .	<b>141,288</b>	<b>143,413</b>	<b>94,814</b>	<b>141,288</b>	<b>94,814</b>	<b>49.0</b>
Tampa, FL . . . . .	95,229	143,413	91,311	95,229	91,311	4.3
San Juan, PR . . . . .	35,036	-	-	35,036	-	-
Houston-Galveston, TX . . . . .	11,023	-	-	11,023	-	-
Laredo, TX . . . . .	-	-	3,503	-	3,503	-
<b>Western Total</b> . . . . .	<b>4,050</b>	<b>2,394</b>	<b>5,472</b>	<b>4,050</b>	<b>5,472</b>	<b>-26.0</b>
Great Falls, MT . . . . .	4,050	2,394	5,472	4,050	5,472	-26.0
<b>Northern Total</b> . . . . .	<b>82,893</b>	<b>92,970</b>	<b>74,441</b>	<b>82,893</b>	<b>74,441</b>	<b>11.4</b>
Chicago, IL . . . . .	29,304	29,825	29,184	29,304	29,184	.4
Pembina, ND . . . . .	53,589	63,145	45,257	53,589	45,257	18.4
<b>Total</b> . . . . .	<b>263,406</b>	<b>267,635</b>	<b>174,727</b>	<b>263,406</b>	<b>174,727</b>	<b>50.8</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 15. Coke Imports, January 1991**  
(Short Tons)

Continent and Country of Origin	January 1991	December 1990	January 1990	Year to Date		Percent Change
				1991	1990	
<b>North America Total</b> .....	9,130	904	21,542	9,130	21,542	-57.6
Canada .....	9,130	904	1,364	9,130	1,364	NM
Mexico .....	-	-	20,178	-	20,178	-
<b>Asia Total</b> .....	37,676	39,906	41,311	37,676	41,311	-8.8
Japan .....	37,676	39,906	41,311	37,676	41,311	-8.8
<b>Total</b> .....	46,806	40,810	62,853	46,806	62,853	-25.5

<sup>1</sup>Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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